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| Substitute Form PTO-1449 (Modified)   | U.S. Department of Commerce<br>Patent and Trademark Office | Attorney's Docket No.<br>10559-127002 | Application No. |  |
|---|--|---------------------------------------|-----------------|--|
| Information Disclosure Statement by Applicant (Use several sheets if necessary) |  | Applicant Wolrich et al.              |                 |  |
|   |  | Filing Date                           | Group Art Unit  |  |
| (37 CFR §1.98(b))   |  |                                       |                 |  |

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|                     | AI     |                    |                     |                       |       |          |                            |
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| Initial  | ID  | Number   | Date        | Patent Office | Class | Subclass | Yes | No      |
|          | AL  |          |             |               |       |          |     |         |
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| next communication to applicant.     | /-                          | (                           | •                          | • •                         |

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| Information D         | sclosure Statement<br>Applicant                            | Applicant Wolrich et al. 10/780,330 |                           |  |  |  |
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| Substitute Form PTO-1449 (Modified)            | U.S. Department of Commerce<br>Patent and Trademark Office | Attorney's Docket No. 10559-127002 | Application No. Unknown |  |
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| by Applicant (Use several sheets if necessary) |  | Applicant Wolrich et al.           |                         |  |
|  |  | Filing Date 02/17/04               | Group Art Unit Unknown  |  |

|                     | U.S. Patent Documents |                    |                     |                   |          |          |                            |
|---------------------|-----------------------|--------------------|---------------------|-------------------|----------|----------|----------------------------|
| Examiner<br>Initial | Desig.<br>ID          | Document<br>Number | Publication<br>Date | Patentee          | Class    | Subclass | Filing Date If Appropriate |
| PI                  | ABB                   | 6,345,334          | 02/05/2002          | Nakagawa et al.   |          |          |                            |
|                     | ACC                   | 6,324,624          | 11/27/01            | Wolrich et al.    |          |          |                            |
|                     | ADD                   | 6,307,789          | 10/23/2001          | Wolrich et al.    |          |          |                            |
|                     | AEE                   | 6,298,370          | 10/02/2001          | Tang et al.       |          |          |                            |
|                     | AFF                   | 6,289,011          | 09/11/2001          | Seo et al.        |          |          |                            |
|                     | AGG                   | 6,279,113          | 08/21/2001          | Vaidya            |          |          |                            |
|                     | АНН                   | 6,275,505          | 08/14/2001          | O'Loughlin et al. |          |          |                            |
|                     | AII                   | 6,272,616          | 08/07/2001          | Fernando et al.   |          |          |                            |
|                     | AJJ                   | 6,256,713          | 07/03/2001          | Audityan et al.   |          |          |                            |
|                     | AKK                   | 6,247,025          | 06/12/2001          | Bacon             |          |          |                            |
|                     | ALL                   | 6,223,279          | 04/24/2001          | Nishimura et al.  |          |          |                            |
|                     | AMM                   | 6,223,238          | 04/24/2001          | Meyer et al.      |          |          |                            |
|                     | ANN                   | 6,223,207          | 04/24/2001          | Lucovsky et al.   |          |          |                            |
|                     | AOO                   | 6,216,220          | 04/10/2001          | Hwang             |          |          |                            |
|                     | APP                   | 6,212,611          | 04/03/2001          | Nizar et al.      |          |          |                            |
|                     | AQQ                   | 6,212,542          | 04/03/2001          | Kahle et al.      |          |          |                            |
|                     | ARR                   | 6,201,807          | 03/18/2001          | Prasanna          |          | ٠        |                            |
|                     | ASS                   | 6,199,133          | 03/06/2001          | Schnell           |          |          |                            |
|                     | ATT                   | 6,195,676          | 02/27/2001          | Spix et al.       |          |          |                            |
|                     | , AUU ,               | 6,182,177          | 01/30/2001          | Harriman          | <u>.</u> |          |                            |
|                     | AVV                   | 6,160,562          | 12/12/2000          | Chin et al.       |          |          |                            |
|                     | AWW                   | 6,157,955          | 12/05/2000          | Narad et al.      |          |          |                            |
|                     | AXX                   | 6,145,054          | 11/07/2000          | Mehrotra et al.   |          |          |                            |
|                     | AYY                   | 6,144,669          | 11/07/2000          | Williams et al.   |          |          |                            |
|                     | AZZ                   | 6,141,765          | 10/31/2000          | Sherman           |          |          |                            |
|                     | AAAA                  | 6,141,689          | 10/31/2000          | Yasrebi           |          |          |                            |
| PT                  | ABBB                  | 6,134,665          | 10/17/2000          | Klein et al.      |          |          |                            |

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|---|--|------------------------------------|-------------------------|--|
|   | losure Statement   | Applicant Wolrich et al.           |                         |  |
| (Use several sheets if necessary) (37 CFR §1.98(b)) |  | Filing Date . 02/17/04             | Group Art Unit Unknown  |  |

|                | U.S. Patent Documents |              |                    |                     |                     |       |          |                            |
|----------------|-----------------------|--------------|--------------------|---------------------|---------------------|-------|----------|----------------------------|
| Exam<br>Initia | 1                     | Desig.<br>ID | Document<br>Number | Publication<br>Date | Patentee            | Class | Subclass | Filing Date If Appropriate |
| P              | $7 \Box$              | ACCC         | 6,112,016          | 08/29/2000          | MacWilliams et al.  |       |          |                            |
|                |                       | ADDD         | 6,092,158          | 07/18/2000          | Harriman et al.     | ·     |          |                            |
|                |                       | AEEE         | 6,092,127          | 07/18/2000          | Tausheck            |       |          | _                          |
|                |                       | AFFF         | 6,085,294          | 07/04/2000          | Van Doren et al.    |       |          |                            |
|                |                       | AGGG         | 6,085,215          | 07/04/2000          | Ramakrishnan et al. |       |          |                            |
|                |                       | АННН         | 6,079,008          | 06/20/2000          | Clery, III          |       |          |                            |
|                |                       | AIII         | 6,073,215          | 06/06/2000          | Snyder              |       |          |                            |
|                |                       | AJJJ         | 6,072,781          | 06/06/2000          | Feeney et al.       |       |          |                            |
|                |                       | AKKK         | 6,070,231          | 05/30/2000          | Ottinger            |       |          |                            |
|                |                       | ALLL         | 6,067,585          | 05/23/2000          | Hoang               |       |          |                            |
|                |                       | AMMM         | 6,058,168          | 05/02/2000          | Braband             |       |          |                            |
|                |                       | ANNN         | 6,023,742          | 02/08/2000          | Ebeling et al.      |       |          |                            |
|                |                       | A000         | 6,014,729          | 01/11/2000          | Lannan et al.       |       |          |                            |
|                |                       | APPP         | 6,012,151          | 01/04/2000          | Mano                |       |          |                            |
| -              |                       | AQQQ         | 5,983,274          | 11/09/1999          | Hyder et al.        |       |          |                            |
|                |                       | ARRR         | 5,978,838          | 11/02/1999          | Mohammed et al.     |       |          |                            |
|                |                       | ASSS         | 5,978,838          | 11/02/1999          | Heinrich et al.     |       |          |                            |
|                |                       | ATTT         | 5,970,013          | 10/19/1999          | Fischer et al.      |       | •        |                            |
|                |                       | AUUU         | 5,961,628          | 10/05/1999          | Nguyen et al.       |       |          |                            |
|                |                       | AVVV         | 5,958,031          | 09/28/1999          | Kime                |       |          |                            |
|                |                       | AWWW         | 5,948,081          | 09/07/1999          | Foster              |       |          |                            |
|                |                       | AXXX         | 5,946,487          | 08/31/1999          | Dangelo             |       |          |                            |
|                |                       | AYYY         | 5,940,866          | 08/17/1997          | Chisholm et al.     |       |          |                            |
|                |                       | AZZZ         | 5,940,612          | 08/17/1999          | Brady et al.        |       |          |                            |
|                |                       | AAAAA        | 5,937,187          | 08/21/1995          | Kosche et al.       |       |          |                            |
|                |                       | ABBBB        | 5,928,736          | 08/17/1999          | Muller et al.       |       |          |                            |
| 87             |                       | ACCCC        | 5,915,123          | 06/22/1999          | Mirsky et al.       |       |          |                            |

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|---|--|------------------------------------|-------------------------|--|
|   | closure Statement  | Applicant Wolrich et al.           |                         |  |
| (Use several sheets if necessary) (37 CFR §1.98(b)) |  | Filing Date 02/17/04               | Group Art Unit Unknown  |  |

|                     | U.S. Patent Documents |                    |                     |                      |       |          |                            |
|---------------------|-----------------------|--------------------|---------------------|----------------------|-------|----------|----------------------------|
| Examiner<br>Initial | Desig.<br>ID          | Document<br>Number | Publication<br>Date | Patentee             | Class | Subclass | Filing Date If Appropriate |
| PT                  | ADDDD                 | 5,905,889          | 05/18/1999          | Wilhelm, Jr.         |       |          |                            |
| 1                   | AEEEE                 | 5,905,876          | 08/18/1999          | Pawlowski et al.     |       |          |                            |
|                     | AFFFF                 | 5,892,979          | 04/06/1999          | Shiraki et al.       |       |          |                            |
|                     | AGGGG                 | 5,890,208          | 03/30/1999          | Kwon                 |       |          |                            |
|                     | АННН                  | 5,887,134          | 03/23/1999          | Ebrahim              |       |          |                            |
|                     | AIIII                 | 5,886,992          | 03/23/1999          | Raatikaien et al.    |       |          |                            |
|                     | AJJJJ                 | 5,860,158          | 01/12/1999          | Pai et al.           |       |          |                            |
|                     | AKKKK                 | 5,854,922          | 12/29/1998          | Gravenstein et al.   |       |          |                            |
|                     | ALLLL                 | 5,835,755          | 11/10/1998          | Stellwagen, Jr.      |       |          |                            |
|                     | AMMMM                 | 5,832,215          | 11/03/1998`         | Kato et al.          |       |          |                            |
|                     | ANNNN                 | 5,828,863          | 10/27/1998          | Barrett et al.       |       |          |                            |
|                     | A0000                 | 5,828,746          | 10/27/1998          | Ardon                |       |          |                            |
| -\                  | APPPP                 | 5,812,868          | 11/22/1998          | Moyer et al.         |       |          |                            |
|                     | AQQQQ                 | 5,809,530          | 09/15/1998          | Samra et al.         |       |          |                            |
|                     | ARRRR                 | 5,809,235          | 09/15/1998          | Sharma et al.        |       |          |                            |
|                     | ASSSS                 | 5,797,043          | 08/18/1998          | Lewis et al.         |       |          |                            |
|                     | ATTTT                 | 5,796,413          | 08/18/1998          | Shipp et al.         |       |          |                            |
|                     | AUUUU                 | 5,784,712          | 07/21/1998          | Byers et al.         |       |          |                            |
|                     | AVVVV                 | 5,784,649          | 07/21/1998          | Begur et al.         |       |          |                            |
|                     | AWWWW                 | 5,781,774          | 07/14/1998          | Krick                |       |          |                            |
|                     | AXXXX                 | 5,761,522          | 06/02/1998          | Hisanga et al.       |       |          |                            |
|                     | AYYYY                 | 5,761,507          | 06/02/1998          | Govett               |       |          |                            |
|                     | AZZZZ                 | 5,751,987          | 04/12/1998          | Mahant-Shetti et al. |       |          |                            |
|                     | AAAAA                 | 5,745,913          | 04/28/1998          | Pattin et al.        |       |          |                            |
|                     | ABBBBB                | 5,742,822          | 04/21/1998          | Motomura             |       |          |                            |
|                     | ACCCCC                | 5,742,782          | 04/21/1998          | Ito et al.           |       |          |                            |
| PT                  | ADDDDI                | 5,742,587          | 04/21/1998          | Zornig et al.        |       |          |                            |

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| Substitute Form PTO-1449 (Modified)   | U.S. Department of Commerce<br>Patent and Trademark Office | Attorney's Docket No.<br>10559-127002 | Application No. Unknown |  |
|---|--|---------------------------------------|-------------------------|--|
| Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR §1.98(b)) |  | Applicant Wolrich et al.              |                         |  |
|   |  | Filing Date 02/17/04                  | Group Art Unit Unknown  |  |

| U.S. Patent Documents |              |                    |                     |                      |       |          |                            |
|-----------------------|--------------|--------------------|---------------------|----------------------|-------|----------|----------------------------|
| Examiner<br>Initial   | Desig.<br>ID | Document<br>Number | Publication<br>Date | Patentee             | Class | Subclass | Filing Date If Appropriate |
| PP                    | AEEEEE       |                    | 02/24/1998          | Matsumoto            |       |          |                            |
| <del></del>           | AFFFFF       | 5,717,898          | 02/10/1998          | Kagan et al.         |       |          |                            |
|                       | AGGGGG       | 5,699,537          | 12/16/1997          | Sharangpani et al.   |       |          |                            |
|                       | АНННН        | 5,689,566          | 11/18/1997          | Nguyen               |       |          |                            |
|                       | AIIII        | 5,680,641          | 10/21/1997          | Sidman               |       |          |                            |
| •                     | AJJJJJ       | 5,659,687          | 08/19/1997          | Kim et al.           |       |          |                            |
|                       | AKKKKK       | 5,649,157          | 07/15/1997          | Williams             |       |          |                            |
|                       | ALLLLL       | 5,644,623          | 07/01/1997          | Gutledge             |       |          |                            |
|                       | AMMMMI       | 5,630,641          | 05/13/1997          | Perotto et al.       |       |          |                            |
|                       | ANNNN        | 5,627,829          | 05/06/1997          | Gleeson et al.       |       |          |                            |
|                       | A00000       | 5,623,489          | 04/22/1997          | Cotton et al.        |       |          |                            |
|                       | APPPPP       | 5,613,136          | 03/18/1997          | Casavant et al.      |       |          |                            |
|                       | AQQQQQ       | 5,613,071          | 03/18/1997          | Rankin et al.        |       |          |                            |
|                       | ARRRRR       | 5,592,622          | 01/07/1997          | Isfeld et al.        |       |          |                            |
|                       | ASSSSS       | 5,574,922          | 11/12/1996          | James                |       |          |                            |
|                       | ATTTTT       | 5,568,617          | 10/22/1996          | Kametani             |       |          |                            |
|                       | Αυυυυι       | 5,557,766          | 09/17/1996          | Takiguchi et al.     |       |          |                            |
|                       | AVVVV        | 5,550,816          | 08/27/1996          | Hardwick et al.      |       |          |                            |
|                       | wwww         | 5,544,236          | 08/06/1996          | Andruska et al.      |       |          |                            |
|                       | AXXXXX       | 5,542,088          | 07/30/1996          | Jennings, Jr. et al. |       |          |                            |
|                       | AYYYY        | 5,542,070          | 07/30/1996          | LeBlanc et al.       |       |          |                            |
|                       | AZZZZZ       | 5,517,648          | 05/14/1996          | Bertone et al.       |       |          |                            |
|                       | AAAAA        | 5,467,452          | 11/14/1995          | Blum et al.          |       |          |                            |
|                       | аввввв       | 5,463,625          | 10/31/1995          | Yasrebi .            |       |          |                            |
|                       | ACCCCC       | 5,459,842          | 10/17/1995          | Begun et al.         |       |          |                            |
|                       | ADDDDD       | 5,452,437          | 09/19/1995          | Richey et al.        |       |          |                            |
| PT                    | AEEEEE       | 5,450,351          | 09/12/1995          | Heddes               |       |          |                            |

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| Substitute Form PTO-1449 (Modified)   | U.S. Department of Commerce<br>Patent and Trademark Office | Attorney's Docket No. 10559-127002 | Application No. Unknown   |  |
|---|--|------------------------------------|---------------------------|--|
| Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR §1.98(b)) |  | Applicant Wolrich et al.           |                           |  |
|   |  | Filing Date 02/17/04               | Group Art Unit<br>Unknown |  |

|                     |              | <del></del>        | U.S. Pate           | ent Documents         |       |          |                            |
|---------------------|--------------|--------------------|---------------------|-----------------------|-------|----------|----------------------------|
| Examiner<br>Initial | Desig.<br>ID | Document<br>Number | Publication<br>Date | Patentee              | Class | Subclass | Filing Date If Appropriate |
| 01                  | AFFFFF       | 5,448,702          | 09/05/1995          | Garcia, Jr. et al.    |       |          |                            |
| 0                   | AGGGGG       | 5,432,918          | 07/11/1995          | Stamm                 |       |          |                            |
|                     | АНННН        | 5,404,484          | 04/04/1995          | Bennett               |       |          |                            |
| •                   | AIIIII       | 5,404,482          | 04/04/1995          | Stamm et al.          |       |          |                            |
|                     | AJJJJJ       | 5,392,412          | 02/21/1995          | McKenna               |       |          |                            |
| •                   | AKKKKK       | 5,392,411          | 02/21/1995          | Ozaki                 |       |          |                            |
|                     | ALLLLLI      | 5,392,391          | 02/21/1995          | Caulk, Jr. et al.     |       |          |                            |
|                     | МММММ        | 5,390,329          | 02/14/1995          | Gaertner et al.       |       |          |                            |
|                     | ANNNNN       | 5,367,678          | 11/22/1994          | Lee et al.            |       |          |                            |
|                     | 400000       | 5,347,648          | 09/13/1994          | Stamm et al.          |       |          |                            |
|                     | APPPPP       | 5,263,169          | 11/16/1993          | Genusov et al.        |       |          |                            |
|                     | AQQQQQ       | 5,255,239          | 10/19/1993          | Taborn et al.         |       |          |                            |
| 1.                  | ARRRRRI      | 5,173,897          | 12/22/1992          | Schrodi et al.        |       |          |                            |
|                     | ASSSSSS      | 5,173,897          | 12/22/1992          | Pfeiffer et al.       |       |          |                            |
| 1.                  | ATTTTT       | 5,168,555          | 12/01/1992          | Byers et al.          |       | _        |                            |
|                     | AUUUUU       | 5,155,854          | 10/13/1992          | Flynn et al.          |       |          |                            |
|                     | AVVVVV       | 5,155,831          | 10/13/1992          | Emma et al.           |       |          |                            |
|                     | wwwww        | 5,142,683          | 08/25/1992          | Burkhardt, Jr. et al. |       |          |                            |
|                     | AXXXXX       | 5,140,685          | 08/18/1992          | Sipple et al.         |       |          |                            |
|                     | AYYYYY       | 4,866,664          | 09/12/1989          | Burkhardt, Jr. et al. |       |          |                            |
|                     | AZZZZZ       | 4,745,544          | 05/17/1988          | Renner et al.         |       |          |                            |
|                     | ΑΑΑΑΑ        | 4,523,272          | 06/11/1985          | Fukunaga et al.       |       |          |                            |
|                     | аввввв       | 4,514,807          | 04/30/1985          | Nogi                  |       |          | ,                          |
|                     | ccccc        | 4,400,770          | 08/23/1983          | Chan et al.           |       |          |                            |
|                     | DDDDDI       | 4,130,890          | 12/19/1978          | Adam                  |       |          |                            |
| 1                   | AEEEEEE      | 3,940,745          | 02/24/1976          | Sajeva                |       |          |                            |
| P7                  | AFFFFF       | 3,792,441          | 02/12/1974          | Wymore et al.         |       |          |                            |

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|   | Substitute Form PTO-1449 (Modified)                 | U.S. Department of Commerce<br>Patent and Trademark Office | Attorney's Docket No. 10559-127002 | Application No. Unknown   |  |
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| İ | Information Disci<br>by App                         |  | Applicant Wolrich et al.           |                           |  |
|   | (Use several sheets if necessary) (37 CFR §1.98(b)) |  | Filing Date 02/17/04               | Group Art Unit<br>Unknown |  |

|                     | U.S. Patent Documents |                    |                    |                  |       |             |                            |
|---------------------|-----------------------|--------------------|--------------------|------------------|-------|-------------|----------------------------|
| Examiner<br>Initial | Desig.<br>ID          | Document<br>Number | Publication Date . | Patentee         | Class | Subclass    | Filing Date If Appropriate |
| PI                  | GGGGGG                | 3,478,322          | 11/11/1969         | Evans            |       |             | ,                          |
| 1                   | нинин                 | 3,373,408          | 03/12/1968         | Ling             |       |             |                            |
| 1                   | AIIIIII               | 10/726,757         | 12/03/2003         | Wolrich et al.   |       |             |                            |
| $\neg \uparrow =$   | AJJJJJJ               | 10/684,078         | 10/10/2003         | Wolrich et al.   |       |             |                            |
|                     | KKKKKK                | 10/664,202         | 09/16/2003         | Wolrich et al.   |       |             |                            |
|                     | ALLLLLL               | 10/644,337         | 08/20/2003         | Wolrich et al.   |       |             |                            |
|                     | имммм                 | 10/643,438         | 08/19/2003         | Bernstein et al. |       |             |                            |
|                     | NNNNN                 | 10/615,500         | 07/08/2003         | Adiletta         |       |             |                            |
|                     | 000000                | 10/615,280         | 07/08/2003         | Wolrich et al.   |       |             |                            |
|                     | APPPPPP               | 10/449,079         | 05/15/2003         | Wolrich et al.   |       | <del></del> |                            |
|                     | QQQQQQ                | 10/208,264         | 07/30/2002         | Adiletta et al.  |       |             |                            |
|                     | RRRRRR                | 09/476,303         | 12/30/1999         | Wolrich et al.   |       |             |                            |
|                     | ASSSSS                | 09/475,614         | 12/30/1999         | Wolrich at al.   |       |             |                            |
|                     | ATTTTTT               | 09/473,571         | 12/28/1999         | Wolrich et al.   |       |             |                            |
| 1.7                 | יטטטטטן               | 09/387,109         | 08/31/1999         | Adiletta et al.  |       |             |                            |

|             | Foreign Patent Documents or Published Foreign Patent Applications |         |             |             |               |       |          |       |        |
|-------------|---|---------|-------------|-------------|---------------|-------|----------|-------|--------|
| Examiner    |   | Desig.  | Document    | Publication | Country or    |       |          | Trans | lation |
| Initi       | al  | ID      | Number      | Date        | Patent Office | Class | Subclass | Yes   | No     |
| P           | $\mathcal{I}$   | VVVVV   | WO 01/50679 | 07/12/2001  | WIPO          |       |          |       |        |
|             |   | wwww    | WO 01/50247 | 07/12/2001  | WIPO          |       |          |       |        |
|             |   | XXXXX   | WO 01/48619 | 07/05/2001  | WIPO          |       |          |       |        |
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|---|--|-----------------------------------|-------------------------|--|
| Information Discl<br>by App                         |  | Applicant Wolrich et al.          |                         |  |
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|                                     | closure Statement  | Applicant Wolrich et al.           |                         |  |
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| Information Disc         | closure Statement  | Applicant Wolrich et al.              |                            |  |
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| hijormation Disclosure Statement by Applicant (Use several sheets if necessary) |                                   | Applicant Wolrich et al.                                   |                                       |                            |  |
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